

From: Jason Nielsen <nielsenj@fnal.gov>  
To: Chris Hill <chill@fnal.gov>, Gino Bolla <bolla@fnal.gov>  
Date: Mon, October 28, 2002 1:13 pm  
Subject: List of ladders affected by resistor driver changes

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Hi Chris and Gino,

Here is the list of ladders which are affected by the resistor driver changes:

For run 153034, resistor driver (real) = 7  
Found 42 ladders with no readout.  
Found 77 ladders with imperfect readout.  
Found 1085 ladders with perfect readout.

For run 153039, resistor driver (real) = 6  
Found 44 ladders with no readout.  
Found 78 ladders with imperfect readout.  
Found 1082 ladders with perfect readout.

The difference in perf R/O is {center east 10 3 phi} {center east 10 3 z} {center west 7 2 phi} {center west 7 2 z} {center west 9 1 phi} {east east 0 1 phi} {east east 0 1 z} {east east 0 3 phi} {east east 0 3 z} {east east 3 2 phi} {east east 5 1 phi} {east east 6 2 phi} {east west 9 0 phi} {east west 9 3 z} {west center 7 0 phi} {west east 2 1 phi} {west east 2 3 phi} {west west 2 3 phi} {west west 3 5 phi} {west west 3 7 z} {west west 4 5 phi} {west west 7 0 phi} {west west 7 5 phi}

The difference in imperf R/O is {center east 10 3 phi} {center east 10 3 z} {center west 7 2 phi} {center west 7 2 z} {center west 9 1 phi} {east east 0 1 phi} {east east 0 1 z} {east east 0 3 phi} {east east 0 3 z} {east east 3 2 phi} {east east 5 1 phi} {east east 5 3 z} {east east 6 2 phi} {east west 9 0 phi} {east west 9 3 z} {west center 7 0 phi} {west east 2 1 phi} {west east 2 3 phi} {west east 2 5 z} {west west 2 3 phi} {west west 3 5 phi} {west west 3 7 z} {west west 4 5 phi} {west west 7 0 phi} {west west 7 5 phi}

The difference in no R/O is {east east 5 3 z} {west east 2 5 z}

For run 153037, resistor driver (real) = 5  
Found 48 ladders with no readout.  
Found 83 ladders with imperfect readout.  
Found 1073 ladders with perfect readout.

The difference in perf R/O is {center east 10 2 phi} {center east 10 2 z} {east east 0 3 phi} {east east 3 2 phi} {east west 9 3 phi} {west center 7 0 phi} {west east 0 3 z} {west east 2 3 phi} {west east 2 4 phi} {west east 2 4 z} {west west 11 4 z} {west west 2 3 phi} {west west 7 0 phi} {west west 8 3 phi} {west west 8 3 z}

The difference in imperf R/O is {center east 10 2 phi} {center east 2 1 z} {east east 0 3 phi} {east east 3 2 phi} {east east 5 5 z} {east west 9 3 phi} {west center 7 0 phi} {west east 0 3 z} {west east 2 3 phi} {west east 2 4 phi} {west east 2 4 z} {west west 11 3 z} {west west 11 4 z} {west west 2 3 phi} {west west 7 0 phi} {west west 8 3 phi} {west west 8 3 z}

The difference in no R/O is {center east 10 2 z} {center east 2 1 z} {east east 5 5 z} {west west 11 3 z}

For run 153044, resistor driver (real) = 4  
Found 51 ladders with no readout.  
Found 80 ladders with imperfect readout.  
Found 1073 ladders with perfect readout.

The difference in perf R/O is {center east 4 4 phi} {center east 4 4 z} {center west 11 1 z} {center west 9 1 phi} {east east 0 3 phi} {east east 5 0 phi} {east west 9 3 phi} {east west 9 4 z} {west center 7 0 phi} {west east 3 4 z} {west east 3 5 phi} {west east 8 5 phi} {west west 10 4 phi} {west west 10 4 z} {west west 4 5 phi} {west west 7 0 phi}

The difference in imperf R/O is {center east 4 2 z} {center east 4 4 phi} {center east 4 4 z} {center west 11 1 z} {center west 9 1 phi}

{east east 0 3 phi} {east east 5 0 phi} {east east 5 2 z} {east west 9  
3 phi} {east west 9 4 z} {west center 7 0 phi} {west east 0 3 z} {west  
east 10 3 z} {west east 3 4 z} {west east 3 5 phi} {west east 8 5 phi}  
{west west 10 4 phi} {west west 10 4 z} {west west 3 5 phi} {west west  
4 5 phi} {west west 7 0 phi}

The difference in no R/O is {center east 4 2 z} {east east 5 2 z}  
{west east 0 3 z} {west east 10 3 z} {west west 3 5 phi}